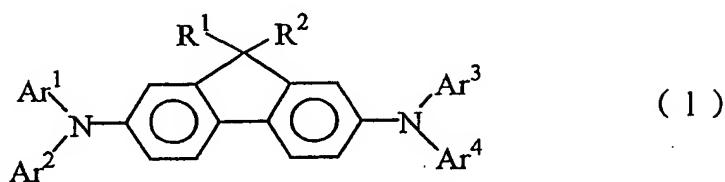


WHAT IS CLAIMED IS:

1. A novel arylamine compound represented by the following general formula (1):



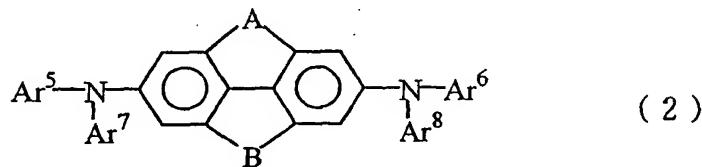
wherein R¹ and R² each independently represent a substituted or unsubstituted alkyl group having 1 to 30 carbon atoms, a substituted or unsubstituted alkoxy group having 1 to 30 carbon atoms, a substituted or unsubstituted aryl group having 6 to 40 carbon atoms, a substituted or unsubstituted arylalkyl group having 7 to 40 carbon atoms or a substituted or unsubstituted aryloxy group having 6 to 40 carbon atom; and

Ar¹ to Ar⁴ each independently represent a substituted or unsubstituted aryl group having 6 to 40 carbon atoms or a substituted or unsubstituted heterocyclic group having 5 to 40 carbon atoms and may represent a same group or different groups, with provisos that at least two of Ar¹ to Ar⁴ each represent a substituted or unsubstituted m-biphenyl group or biphenyl group substituted with aryl groups and others of Ar¹ to Ar⁴ each represent a substituted or unsubstituted biphenyl group and that, when at least two of Ar¹ to Ar⁴ each represent biphenyl group substituted with two aryl groups, others of Ar¹ to Ar⁴ each represent a substituted or unsubstituted aryl group.

2. A novel arylamine compound according to Claim 1, wherein, in general

formula (1), Ar¹ and Ar³ each represent a substituted or unsubstituted m-biphenyl group and Ar² and Ar⁴ each represent a substituted or unsubstituted biphenyl group.

3. A novel arylamine compound represented by the following general formula (2):



wherein at least one of A and B represents an atom group forming a substituted or unsubstituted saturated five-membered to eight-membered ring which may comprise a spiro bond, with provisos that, when any one of A and B represents an atom group forming a saturated five-membered ring, A and B each represent a group forming a ring structure or any of A and B represents a group comprising a spiro bond and that at least one of A and B represents a group which does not comprise two or more unsaturated six-membered rings; and

Ar⁵ to Ar⁸ each independently represent a substituted or unsubstituted aryl group having 6 to 40 carbon atoms or a substituted or unsubstituted heterocyclic group having 5 to 40 carbon atoms and may represent a same group or different groups.

4. A novel arylamine compound according to Claim 3, wherein, in general formula (2), at least two of Ar⁵ to Ar⁸ each represent an aromatic hydrocarbon group having 12 or more carbon atoms.

5. A novel arylamine compound according to Claim 3, wherein, in general formula (2), at least two of Ar⁵ to Ar⁸ each represent a substituted or unsubstituted biphenyl group.
6. A novel arylamine compound according to Claim 3, wherein, in general formula (2), at least one of Ar⁵ to Ar⁸ represents a group substituted with a diarylamino group.
7. An electroluminescence device comprising a pair of electrodes and a layer of organic compounds disposed between the pair of electrodes, wherein the layer of organic compounds comprises a novel arylamine compound described in Claim 1.
8. An organic electroluminescence device comprising a pair of electrodes and a layer of organic compounds disposed between the pair of electrodes, wherein the layer of organic compounds comprises a novel arylamine compound described in Claim 3.
9. An organic electroluminescence device according to Claim 7, wherein the layer of organic compounds is a light emitting layer or a hole transporting layer.
10. An organic electroluminescence device according to Claim 8, wherein the layer of organic compounds is a light emitting layer or a hole transporting layer.

11. An organic electroluminescence device comprising a pair of electrodes and a layer of organic compounds disposed between the pair of electrodes, wherein the layer of organic compounds comprises a layer comprising a novel arylamine compound described in Claim 1 and a light emitting material.
12. An organic electroluminescence device comprising a pair of electrodes and a layer of organic compounds disposed between the pair of electrodes, wherein the layer of organic compounds comprises a layer comprising a novel arylamine compound described in Claim 3 and a light emitting material.